

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	"4929159"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 07:55
L2	2	"3191541".PN.	USPAT; USOCR	OR	OFF	2006/12/14 07:58
L3	1	"4345886".PN.	USPAT; USOCR	OR	OFF	2006/12/14 07:58
L4	1	"4621986".PN.	USPAT; USOCR	OR	OFF	2006/12/14 07:59
L5	18	"4958995"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:04
L6	326	418/183.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:05
L7	141	(rotary near5 compressor ) and (rotary near5 (turbine or expander)) and (intake or suction) and compression and (ignition or explosion) and (exhaust or expansion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:19
L8	23	(rotary near5 compressor ) and (rotary near5 (turbine or expander)) and (intake or suction) and compression and (ignition or explosion) and (exhaust or expansion) and (slid\$3 near3 (vane\$1 or blade\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 09:09
L9	4	(rotary near5 compressor ) and (rotary near5 (turbine or expander)) and (intake or suction) and compression and (ignition or explosion) and (exhaust or expansion) and (vane\$1 or blade\$1) and (ram near5 air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:26

## EAST Search History

L10	0	(rotary near5 compressor ) and (rotary near5 (turbine or expander)) and (intake or suction) and compression and (ignition or explosion) and (exhaust or expansion) and (slid\$3 near3 (vane\$1 or blade\$1)) and (ram near5 air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:27
L11	3	(rotary near5 compressor ) and (rotary near5 (turbine or expander)) and (intake or suction) and compression and (ignition or explosion) and (exhaust or expansion) and slid\$3 and (vane\$1 or blade\$1) and (ram near5 air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:28
L12	0	(rotary near5 compressor ) and (rotary near5 (turbine or expander)) and (slid\$3 near5 (vane\$1 or blade\$1)) and (ram near5 air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:28
L13	19	rotary and (slid\$3 near5 (vane\$1 or blade\$1)) and (ram near5 air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:39
L14	2	ep-1016785-a1.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:39
L15	8	(rotary near5 compressor ) and (rotary near5 (turbine or expander)) and (intake or suction) and compression and (ignition or explosion) and (exhaust or expansion) and (slid\$3 near3 (vane\$1 or blade\$1)) and (constant near3 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 09:12
L16	42	(123/236.ccls. or 123/204.ccls.) and (constant near3 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 10:27

## EAST Search History

L17	1064	60/226.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 10:28
L18	0	60/226.1.ccls. and (reheater)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 10:28
L19	7	60/226.1.ccls. and (heater)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 10:39
L20	6	"3780530"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 10:33
L21	2	"6526937"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 10:33
L22	539	60/226.1.ccls. and (shaft\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 10:40
L23	141	60/226.1.ccls. and (shaft\$1 near3 compressor) and (shaft\$1 near3 (turbine or expander))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 10:47

## EAST Search History

L24	824	(shaft\$1 near compressor) and (shaft\$1 near (turbine or expander))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 11:05
L25	794	(shaft near compressor) and (shaft near (turbine or expander))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 11:44
L26	61	(shaft near compressor) and (shaft near (turbine or expander)) and heater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 11:06
L27	36	(shaft near compressor) and (shaft near (turbine or expander)) and (ram near3 air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 11:10
L28	5	"5692372"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 12:09
L29	3	akmandor.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 12:09
S1	2	ep-1016785-a\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:02
S2	1	1999-024654.NRAN.	DERWENT	OR	OFF	2006/12/08 14:28

## EAST Search History

S3	6727	F04C018/344.ipc. or F04C002/344.ipc. or F01C001/344.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:03
S4	1292	(F04C018/344.ipc. or F04C002/344.ipc. or F01C001/344.ipc.) and slid\$3 and vane\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:05
S5	8	(F04C018/344.ipc. or F04C002/344.ipc. or F01C001/344.ipc.) and slid\$3 and vane\$1 and (four near5 (stroke\$1 or cycle\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:04
S6	13	(F04C018/344.ipc. or F04C002/344.ipc. or F01C001/344.ipc.) and slid\$3 and vane\$1 and compressor and (turbine or expander)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:10
S7	1	2004-269590.NRAN.	DERWENT	OR	OFF	2006/12/08 15:07
S8	7692	engine\$1 and slid\$3 and vane\$1 and compressor and (turbine or expander)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:10
S9	2039	engine\$1 and slid\$3 and vane\$1 and compressor and (turbine or expander)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:11
S10	130	engine\$1 and slid\$3 and vane\$1 and compressor and (turbine or expander) and (four near5 (stroke\$1 or cycle\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:12

## EAST Search History

S11	53	engine\$1 and (slid\$3 near5 vane\$1) and compressor and (turbine or expander) and (four near5 (stroke\$1 or cycle\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:13
S12	37	(rotary near5 engine\$1) and (slid\$3 near5 vane\$1) and compressor and (turbine or expander) and (four near5 (stroke\$1 or cycle\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:49
S13	2	"1458361".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:16
S14	2	"2121660".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:16
S15	2	"2343948".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:16
S16	10	("3724427").URPN.	USPAT	OR	OFF	2006/12/08 15:18
S17	2	"0940246".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:19
S18	2	"1970004".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:19
S19	2	"2248639".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:20
S20	2	"3555813".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:20
S21	2	("3555813").URPN.	USPAT	OR	OFF	2006/12/08 15:20
S22	1	"3640648".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:20
S23	1	"3765379".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:21
S24	1	"3937605".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:21
S25	1	"3989011".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:21
S26	22	("3989011").URPN.	USPAT	OR	OFF	2006/12/08 15:21
S27	2	"3333763".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:21
S28	2	"3529909".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:22
S29	1	"3724427".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:22

## EAST Search History

S30	1	"3782110".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:22
S31	1	"3844117".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:22
S32	1	"3996899".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:22
S33	1	"4553513".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:23
S34	22	("3989011").URPN.	USPAT	OR	OFF	2006/12/08 15:23
S35	2	"2562698".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:24
S36	2	"2635564".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:24
S37	2	"2706150".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:25
S38	2	"2707444".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:25
S39	1	"3989011".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:25
S40	1	"4098256".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:25
S41	1	"4478135".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:26
S42	1	"5144802".PN.	USPAT; USOCR	OR	OFF	2006/12/08 15:26
S43	0	("3556693").URPN.	USPAT	OR	OFF	2006/12/08 15:28
S44	0	("3556693").URPN.	USPAT	OR	OFF	2006/12/08 15:30
S45	150	123/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:48
S46	3	song-junyan\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:49

## EAST Search History

S47	117	(eccentric near2 (slid\$3 near5 vane\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 15:50
S48	1	1975-L2238W.NRAN.	DERWENT	OR	OFF	2006/12/08 16:04
S49	99	(axial near10 compressor\$1) and (axial near10 (turbine\$1 or expander\$1)) and (ram near air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:06
S50	0	(axial near10 compressor\$1) and (axial near10 (turbine\$1 or expander\$1)) and (ram near air) and (sliding near5 vane\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 17:06
S51	1	( compressor\$1) and ( (turbine\$1 or expander\$1)) and (ram near air) and (sliding near5 vane\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:08
S52	0	( compressor\$1) and ( (turbine\$1 or expander\$1)) and (ram near air) and (sliding near5 (rotary near5 vane\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:09
S53	85	( compressor\$1) and ( (turbine\$1 or expander\$1)) and (sliding near5 (rotary near5 vane\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:54
S54	14	( compressor\$1) and ( (turbine\$1 or expander\$1)) and (sliding near5 (rotary near5 vane\$1)) and (ambient near5 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:54



## EAST Search History

S55	1	( compressor\$1) and ( (turbine\$1 or expander\$1)) and (sliding near5 (rotary near5 vane\$1)) and ((exhaust near gas\$3) near5 (ambient near5 pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:55
S56	1	( compressor\$1) and ( (turbine\$1 or expander\$1)) and (sliding near5 (rotary near5 vane\$1)) and ((exhaust near gas\$3) same (ambient near5 pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:56
S57	2	(sliding near5 (rotary near5 vane\$1)) and ((exhaust near gas\$3) same (ambient near5 pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:58
S58	2	(sliding near10 (rotary near5 vane\$1)) and ((exhaust near gas\$3) same (ambient near5 pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:58
S59	9	(sliding near10 vane\$1) and ((exhaust near gas\$3) same (ambient near5 pressure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 16:58
S60	0	(axial near10 compressor\$1) and (axial near10 (turbine\$1 or expander\$1)) and (ram near air) and (slid\$3 near5 vane\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 17:07
S61	3	(axial near10 compressor\$1) and (axial near10 (turbine\$1 or expander\$1)) and (ram near air) and (rotary near5 vane\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 17:07

## EAST Search History

S62	4	(ram near air) and (slid\$3 near5 vane\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/08 17:07
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